

Fig. 2

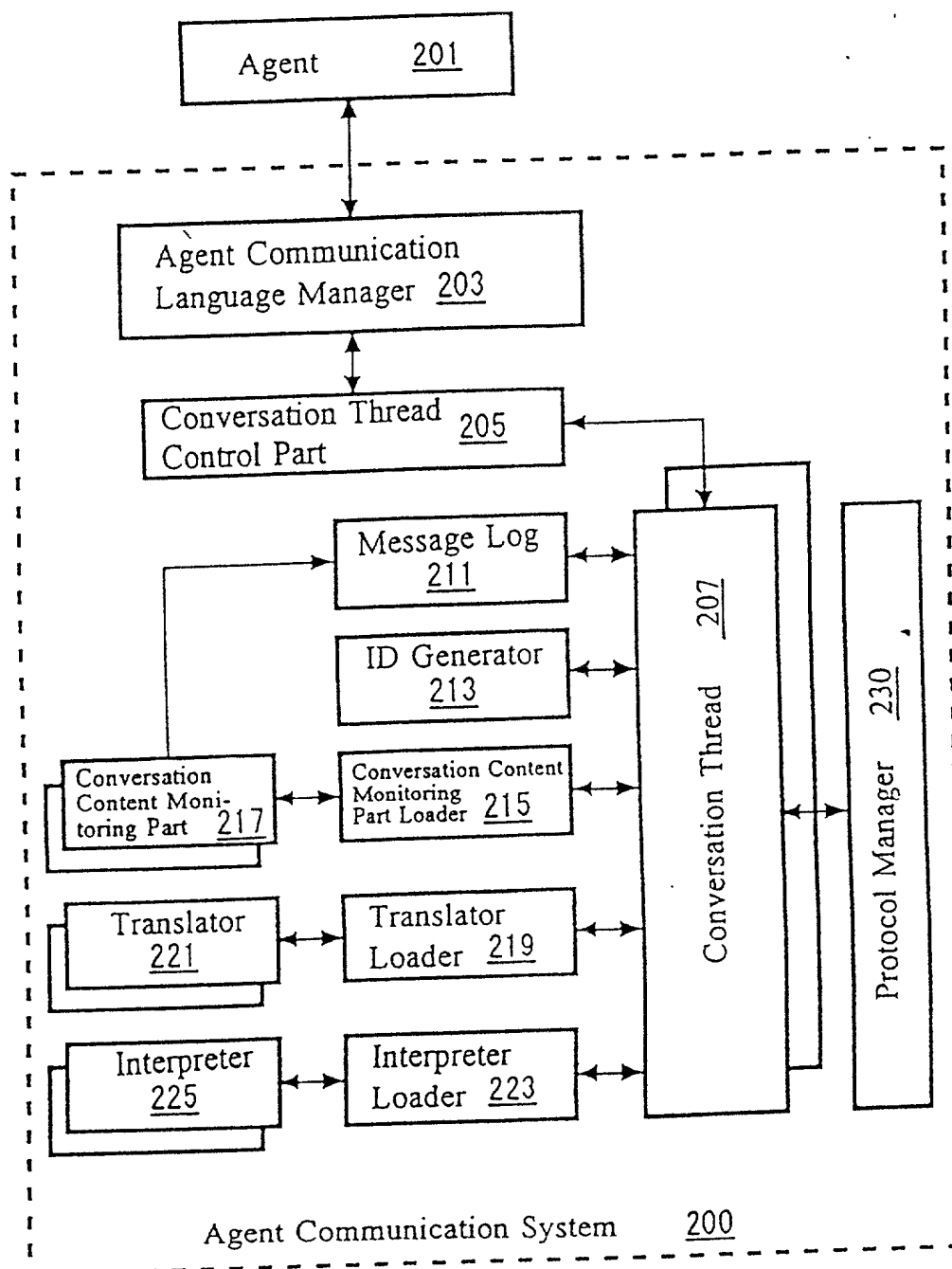
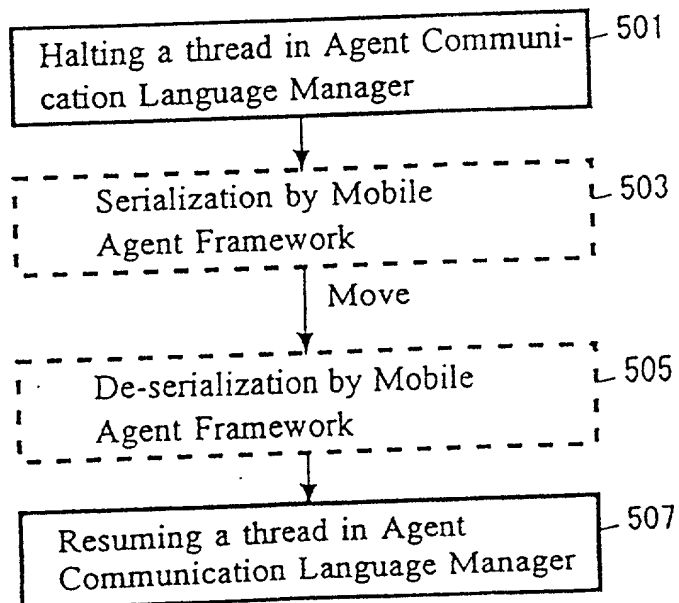


Fig. 3

Fig. 4

Message Packet 300	
Message Type	301
Sender	303
Receiver	305
Response ID	307
Conversation ID	309
Describing Language Type	311
Ontology	313
Content	315

Fig. 14



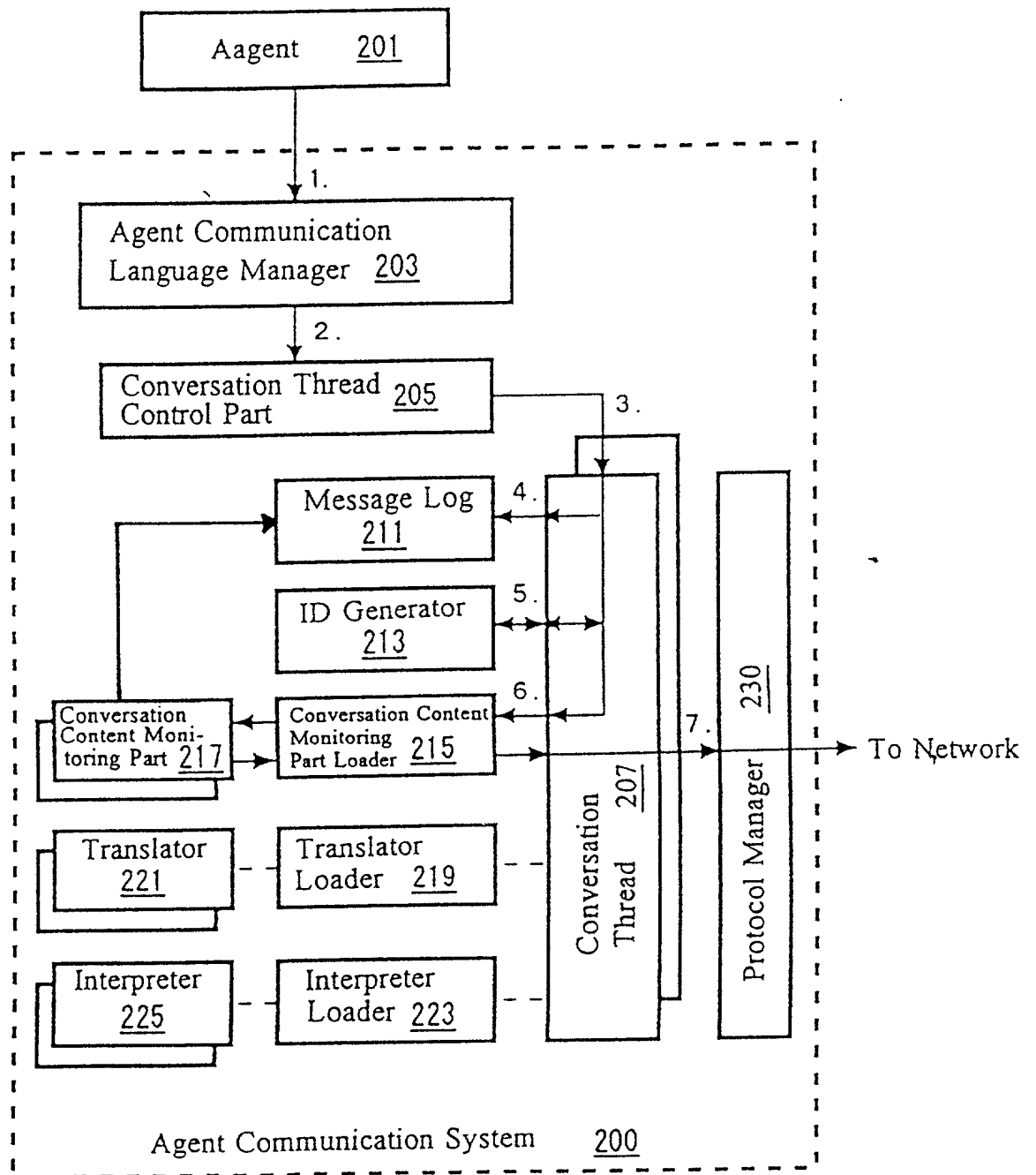
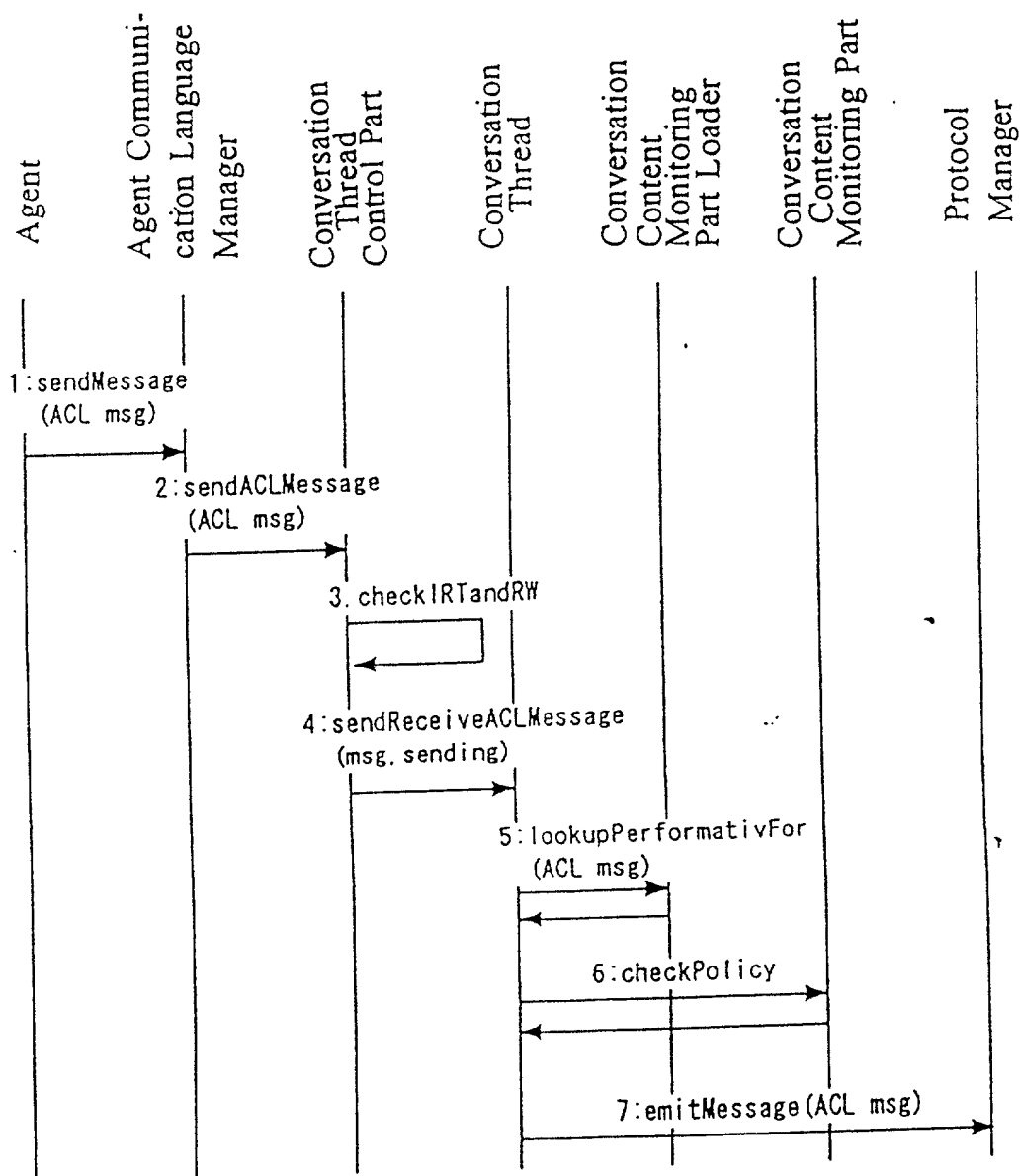


Fig. 5

Fig. 6



r: Receiver
s: Sender
F: Facilitator
A: Agent
o: Ontology

l: Describing Language Type
c: Contents
rw: Conversation ID
irt: Response ID

Fig. 7

330

Message Type	Conversation Content Monitoring Part
ask-if	ask-if Monitoring Part
sorry	sorry Monitoring Part
⋮	⋮
recruit-all	recruit-all Monitoring Part

Fig. 10

350

Interpreter	Agent Communication Language	Describing Language	Ontology
interpreter A	KQML	Prolog	Stock
interpreter B	FIPA	SL	Stock
⋮	⋮	⋮	⋮
interpreter X	KQML	KIF	Yellow Page

Fig. 11

340

Agent Communication Language	Translator
KQML	KQML-FIPA
⋮	⋮
FIPA	FIPA-KIF

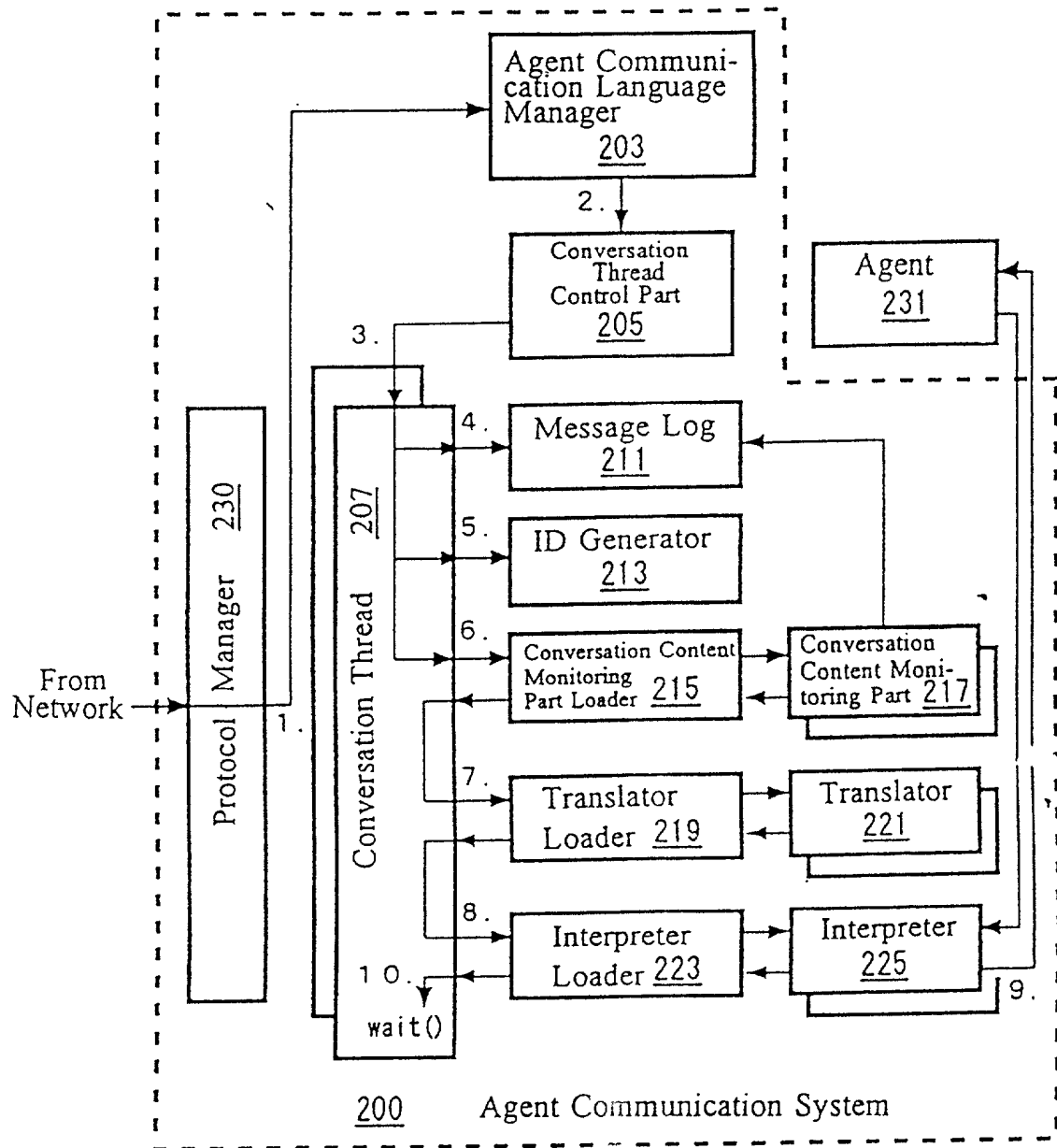
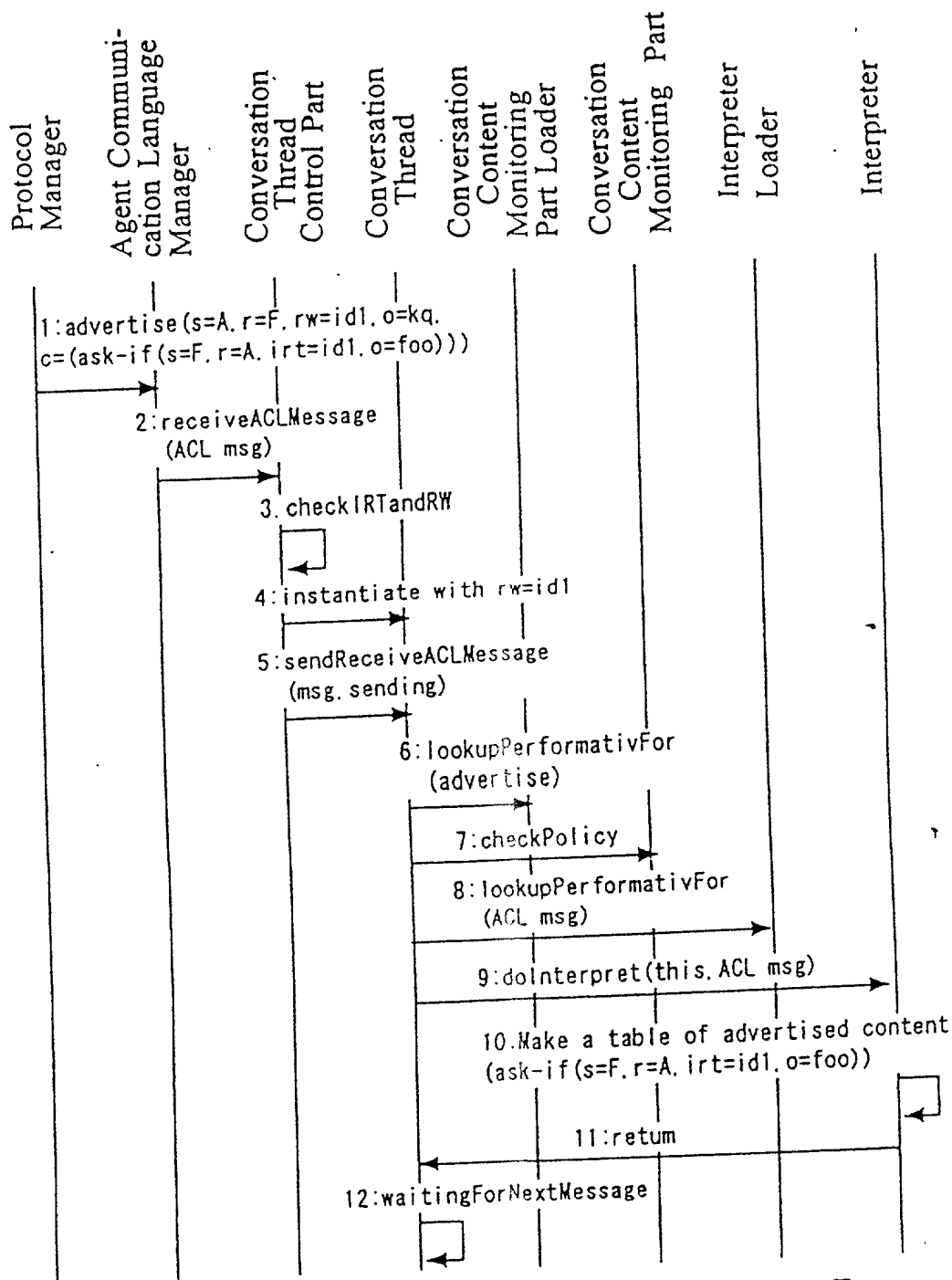


Fig. 8

Fig. 9



r: Receiver
s: Sender
F: Facilitator
A: Agent
o: Ontology

l: Describing Language Type
c: Contents
rw: Conversation ID
irt: Response ID

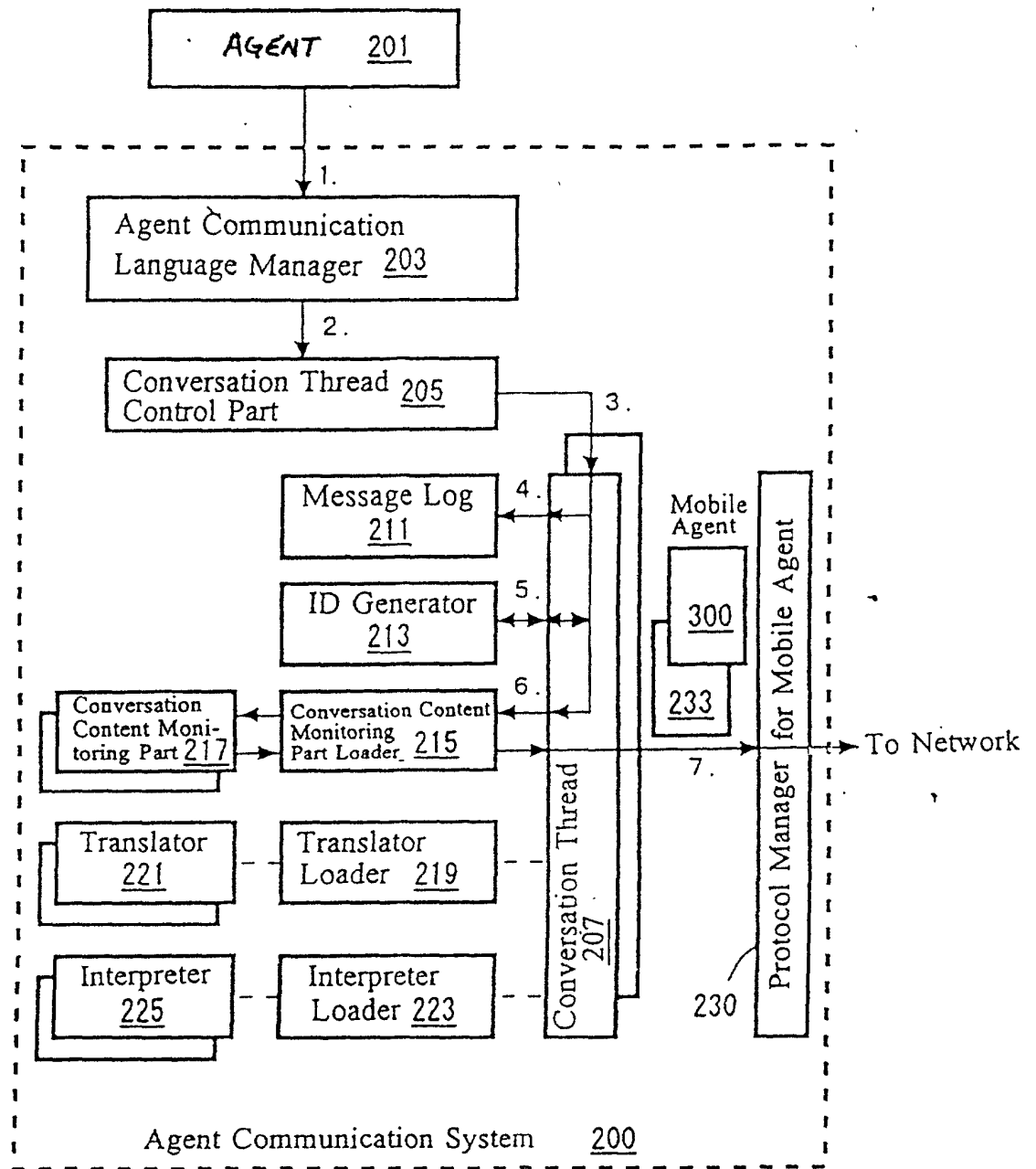


FIG. 12

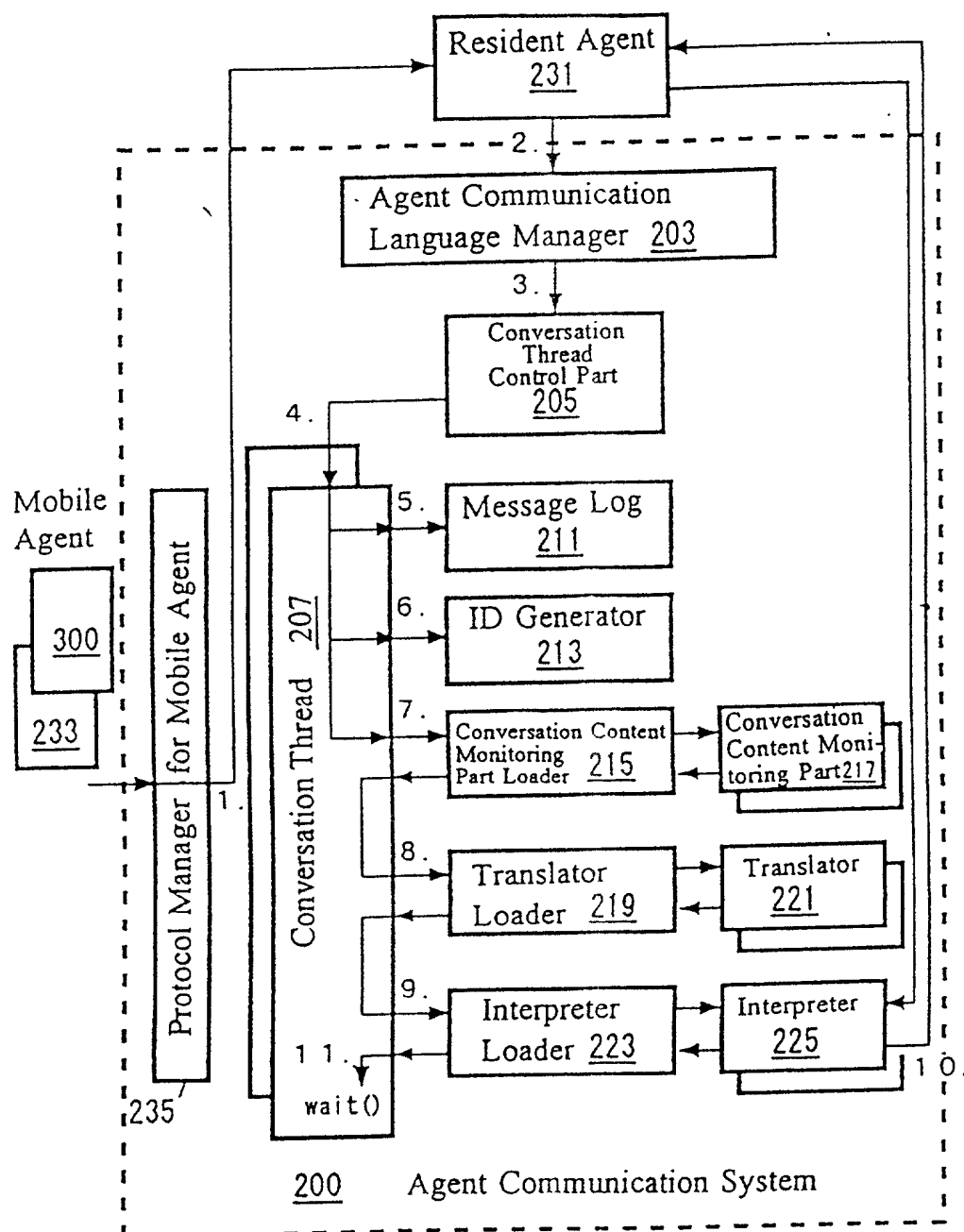
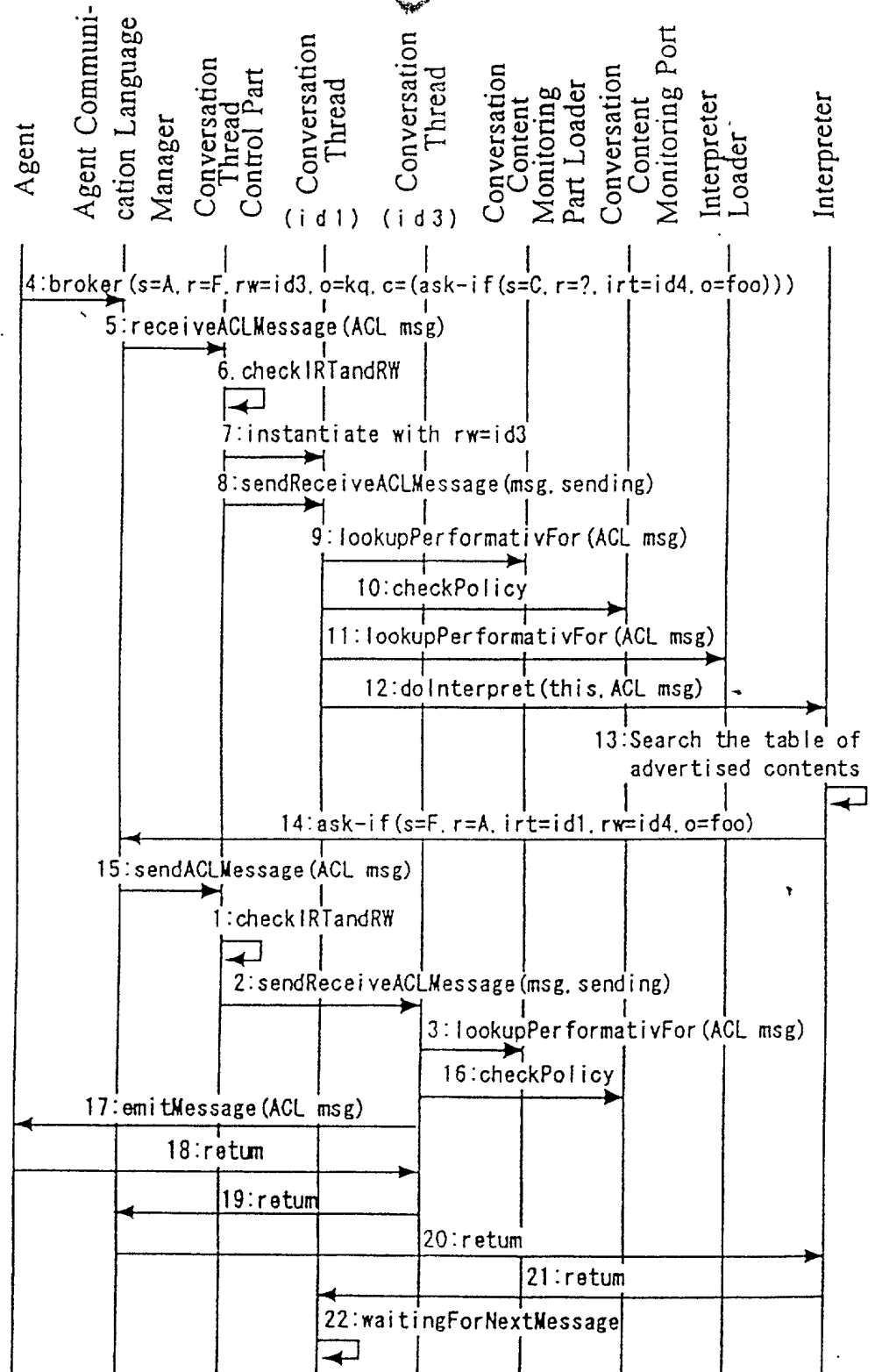


Fig. 13



r: Receiver
 s: Sender
 F: Facilitator
 A: Agent
 o: Ontology

l: Describing Language Type
 c: Contents
 rw: Conversation ID
 irt: Response ID